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Serial Number: 10/731431

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Inventor Information for 10/731431

Inventor Name	City	State/Country
<u>KURATA, KENJI</u>	OTA-SHI	JAPAN
<u>TAKEMURA, IUKUO</u>	ORA-GUN	JAPAN
<u>IIDA, SHIGERU</u>	OTA-SHI	JAPAN
<u>WATANABE, HIROYUKI</u>	YAMADA-GUN	JAPAN
<u>KANO, YOSHINORI</u>	OTA-SHI	JAPAN

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors
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US 20060191894 A1	20060831	Electronic appliance using heat radiation plate	219/466.1		Usui; Ryosuke et al.
US 20060169484 A1	20060803	Printed wiring board	174/250	174/260; 29/840	Yamashita; Takahiro et al.
US 20060159350 A1	20060720	Apparatus and method for image processing	382/232	382/297	Watanabe; Hiroyuki
US 20060124905 A1	20060615	Modified electroconductive polymer material and method for preparation thereof	252/500		Hoshino; Katsuyoshi et al.
US 20060118777 A1	20060608	ELECTRORIC DEVICE, INTEGRATED CIRCUIT, AND METHOD OF MANUFACTURING THE SAME	257/39	257/40; 257/E51.04	Hirakata; Masaki et al.
US 20060098722 A1	20060511	Repeating installation, communication speed adjusting method, program, and recording medium	375/211	375/225; 375/257	Tanaka; Osamu et al.
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US	20060202	Client terminal, access	370/310		Tsuchiuchi;

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US 20060021215 A1	20060202	Electronic component mounting apparatus	29/740	29/741; 29/742	Kano; Yoshinori et al.
US 20060021071 A1	20060126	Cell in which genome is modified	800/14	424/130.1; 435/326; 435/419; 435/69.1; 530/387.1; 536/23.53; 800/288	Satoh; Mitsuo et al.
US 20060014203 A1	20060119	Electrical connection structure, production method thereof, and electric wiring method	435/6		Watanabe; Hiroyuki et al.
US 20060014202 A1	20060119	Electrical connection structure, production method thereof, and electric wiring method	435/6	205/777.5; 435/287.2	Watanabe; Hiroyuki et al.
US 20060001427 A1	20060105	Magnetic resonance imaging apparatus and magnet apparatus therefor	324/320		Ando; Ryuya et al.
US 20050287138 A1	20051229	CCR4-specific antibody composition	424/143.1	530/388.22	Iida, Shigeru et al.
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US 20050284336 A1	20051229	Carbon fine particle structure and process for producing the same, carbon fine particle transcriptional body for producing the same, solution for producing carbon fine particle	106/476	427/180; 427/256; 427/58	Okada, Shinsuke et al.

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US 20050271082 A1	20051208	Transmitting system, media converter and transmitting method	370/466		Watanabe, Hiroyuki et al.
US 20050267876 A1	20051201	Electronic apparatus	707/3		Watanabe, Hiroyuki et al.
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US 20050256190 A1	20051117	Method for activating the lipid catabolic metabolism in enteric epithelium and improving the lipid metabolism in enteric epithelium	514/547		Hase, Tadashi et al.
US 20050250223 A1	20051110	Electronic component mounting method and electronic component mounting apparatus	438/1		Kano, Yoshinori et al.
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US 20050212395 A1	20050929	Electron beam generator device and method for producing the same	313/311		Anazawa, Kazunori et al.
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US 20050202648 A1	20050915	Memory cells	438/427	257/E21.549; 257/E21.654	Jono, Keiji et al.
US 20050198913 A1	20050915	Cerium-based abrasive, abrasive slurry, and production of cerium- based abrasive	51/307	428/403; 428/404; 51/308; 51/309	Ito, Terunori et al.
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US 20050179594 A1	20050818	Microwave antenna and process for producing the same	343/700MS	343/846	Morikawa, Takashi et al.
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US 20050148666 A1	20050707	Method for activating the lipid catabolic metabolism in enteric epithelium and improving the lipid metabolism in enteric epithelium	514/547		Hase, Tadashi et al.
US 20050146407 A1	20050707	Superconducting magnet apparatus and magnetic resonance imaging apparatus using the same	335/216		Watanabe, Hiroyuki et al.
US 20050137258 A1	20050623	Method for activating the lipid catabolic metabolism in enteric epithelium and improving the lipid metabolism in enteric	514/548		Hase, Tadashi et al.

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US 20050129939 A1	20050616	Electrode for electrochemical measurement and method for manufacturing the same	428/364		Shigematsu, Taishi et al.
US 20050127030 A1	20050616	Carbon nanotube structure, method of manufacturing the same, carbon nanotube transfer body, and liquid solution	216/41	216/63; 423/445B	Watanabe, Miho et al.
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US 20050090388 A1	20050428	Gas decomposing unit, electrode for a fuel cell, and method of manufacturing the gas decomposing unit	502/182		Kishi, Kentaro et al.
US 20050090180 A1	20050428	Multi-axle running toy and multi-axle running toy set	446/93		Nagasaka, Yoshizo et al.
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US 20050066386 A1	20050324	Method of modifying genome in higher plant	800/278	435/468; 536/23.6	Iida, Shigeru et al.
US 20050064647 A1	20050324	Wire, method of manufacturing the wire, and electromagnet using the wire	438/222		Manabe, Chikara et al.
US 20050061249 A1	20050324	Carbon nanotube manufacturing apparatus and method, and gas decomposer for use in the manufacturing apparatus and method	118/722	427/249.1	Miyahara, Tomoko et al.
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US 20040241339 A1	20041202	Manufacturing apparatus and method for carbon nanotube	427/488	118/623; 427/571; 977/843	Anazawa, Kazunori et al.
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US 20040213724 A1	20041028	High purity synthetic vitreous silica particles	423/335	501/54	Kusuhara, Masaki et al.
US 20040190048 A1	20040930	Image forming device and method	358/1.15	358/1.16	Egawa, Satoshi et al.
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US 20040168904 A1	20040902	Manufacturing apparatus and method for carbon nanotube	204/164	422/186.04; 423/445B	Anazawa, Kazunori et al.
US 20040154229 A1	20040812	Cerium-based abrasive abrasive and abrasive material slurry, and method for producing cerium based abrasive material	51/307	428/328	Ito, Terunori et al.
US 20040136894 A1	20040715	Carbon nanotube dispersion liquid and method for producing the same and polymer composite and method for producing the same	423/447.2		Yoshizawa, Hisae et al.
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US 20040114601	20040617	Electronic device, communication	370/395.2	370/338	Watanabe, Hiroyuki et al.

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US 20040106792 A1	20040603	Biphenyl compound	540/607	546/226; 548/530; 548/953	Tauri, Naoki et al.
US 20040105704 A1	20040603	Toner conveyance device and image forming apparatus equipped therewith	399/258		Yamauchi, Kazumichi et al.
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US 20030048163 A1	20030313	SUPERCONDUCTING MAGNET AND MAGNETIC RESONANCE IMAGING APPARATUS USING THE SAME	335/299		Watanabe, Hiroyuki et al.
US 20030029195 A1	20030213	Method for producing a quartz glass crucible for pulling up silicon single crystal and apparatus	65/17.4	65/144	Watanabe, Hiroyuki
US 20030005724 A1	20030109	Method for producing silica particles, synthetic quartz powder and synthetic quartz glass	65/17.2		Sugiyama, Kunio et al.
US 20030001497 A1	20030102	Cathode for emitting photoelectron or secondary electron, photomultiplier tube, and electron-multiplier tube	313/532	313/542	Kinoshita, Masao et al.
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US 20020174744 A1	20021128	Method for producing metal or metal compound comprising process of treating with fluorine and adjusted raw material used therein	75/393		Sohama, Yoshio et al.
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US 20020122371	20020905	Recording medium reproducing unit and	720/685	361/685	Watanabe, Hiroyuki et al.

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US 20010050219 A1	20011213	Method of manufacturing carbon nanotubes and/or fullerenes, and manufacturing apparatus for the same	204/173	422/186.21; 423/445B; 423/447.1	Anazawa, Kazunori et al.
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US 7087921 B2	20060808	Active electronic device and electronic apparatus	257/8	257/24; 257/E47.003; 257/E51.04	Anazawa; Kazunori et al.
US 7081429 B2	20060725	Gas decomposing unit, electrode for a fuel cell, and method of manufacturing the gas decomposing unit	502/182	423/447.1; 423/447.2	Kishi; Kentaro et al.
US 7065857 B2	20060627	Method of manufacturing electronic device	29/592.1	29/593; 313/309; 438/20; 445/49; 445/50	Watanabe; Miho et al.
US D522985 S	20060613	Digital audio disk player with radio tuner and tape recorder	D14/136		Hasegawa; Shigeru et al.
US 7053898 B2	20060530	Picture drawing system for use with a computer and a picture drawing method	345/467	345/636	Yonemura; Takaku et al.
US 7048901 B2	20060523	Electrical connection structure, production method thereof, and electric wiring method	423/414	439/87	Watanabe; Hiroyuki et al.
US 7040530 B2	20060509	Printing device, method of instructing printing, and device for instructing printing	235/375		Watanabe; Hiroyuki et al.
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US 6967480 B2	20051122	Superconducting magnet for MRI	324/318	324/322	Nemoto; Takeo et al.
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US 6956058 B2	20051018	Method for improving insulin resistance	514/547	514/552	Hase; Tadashi et al.
US 6946009 B2	20050920	Cerium-based abrasive material and abrasive material slurry, and method for producing cerium based abrasive material	51/307	423/263; 51/309	Ito; Terunori et al.
US 6936228 B2	20050830	Manufacturing apparatus for carbon nanotube	422/186.21	422/186.03; 422/186.04; 977/844	Hirakata; Masaki et al.
US 6934144 B2	20050823	Capacitor and method of manufacturing the same	361/303	29/25.03; 361/508; 361/528; 977/932	Ooma; Shigeki et al.
US 6916370 B2	20050712	Quartz glass crucible for pulling up silicon single crystal and method for producing the same	117/13	117/208; 117/213; 117/900; 65/144; 65/60.8; 65/71	Watanabe; Hiroyuki
US 6909347 B2	20050621	Magnet for magnetic resonance imaging apparatus	335/296	335/299	Wakuda; Tsuyoshi et al.
US 6905527 B2	20050614	Method of manufacturing cerium-based polishing agent	51/307	51/308; 51/309	Ito; Terunori et al.
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US 6869581 B2	20050322	Hollow graphene sheet structure, electrode structure, process for the production thereof, and device thus produced	423/447.6	423/460	Kishi; Kentaro et al.
US 6864770 B2	20050308	Super conductive magnet apparatus	335/216	324/319	Nemoto; Takeo et al.
US 6843816 B2	20050118	Cerium-based abrasive material and method for preparation thereof	51/307	106/3; 51/309	Ito; Terunori et al.
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US 6816624 B1	20041109	Method and apparatus for correcting degradation of book center image by image processing based on contour of book center	382/275	358/496; 382/293; 382/312	Ebisawa; Takashi et al.

		image			
US 6816051 B2	20041109	Superconducting magnet and magnetic resonance imaging apparatus using the same	335/296	324/319; 335/216; 335/297; 335/300	Watanabe; Hiroyuki et al.
US 6803500 B1	20041012	Genes encoding proteins regulating the pH of vacuoles	800/282	435/252.3; 435/320.1; 435/419; 435/468; 536/23.6; 800/298; 800/323	Iida; Shigeru et al.
US 6803170 B2	20041012	Resist composition and method for manufacturing semiconductor device using the resist composition	430/270.1	430/905; 430/910	Toriumi; Minoru et al.
US 6794283 B2	20040921	Semiconductor device and fabrication method thereof	438/623	257/E21.248; 257/E21.271; 257/E21.576; 257/E21.579; 257/E23.145; 257/E23.167; 438/783	Watanabe; Hiroyuki et al.
US 6790300 B2	20040914	Method and apparatus for bonding substrate plates together through gap-forming sealer material	156/64	100/206; 100/207; 100/46; 156/103; 156/291; 156/299	Watanabe; Hiroyuki et al.
US 6738200 B2	20040518	Projection lens	359/727	359/884; 362/347	Handa; Keishin et al.
US 6724064 B2	20040420	Photoelectric conversion element and photoelectric conversion device	257/459	257/443; 257/446; 257/448	Watanabe; Hiroyuki et al.
US 6690627 B2	20040210	System for reproducing a recorded disc	369/30.86		Fukushima; Yoshimitsu et al.
US 6690084 B1	20040210	Semiconductor device including insulation film and fabrication method thereof	257/650	257/E21.248; 257/E21.251; 257/E21.252; 257/E21.277; 257/E21.279; 257/E21.293;	Mizuhara; Hideki et al.

				257/E21.576; 438/783	
US 6670752 B2	20031230	Cathode for emitting photoelectron or secondary electron, photomultiplier tube, and electron-multiplier tube	313/542	250/207; 313/103R; 313/399; 313/532; 977/952	Kinoshita; Masao et al.
US 6667676 B2	20031223	Superconducting magnet and magnetic resonance imaging apparatus using the same	335/216	324/319; 62/51.1	Watanabe; Hiroyuki et al.
US 6664876 B2	20031216	Superconducting magnet and magnetic resonance imaging apparatus using the same	335/216	324/318; 62/51.1	Watanabe; Hiroyuki et al.
US 6661451 B1	20031209	Image pickup apparatus capable of performing both a still image process and a dynamic image process	348/220.1	348/294; 348/322	Kijima; Takayuki et al.
US 6646022 B2	20031111	Photocuring resin compositions, photocuring sheets and molded article using the same, and processes of production thereof	522/153	264/446; 264/447; 264/478; 264/494; 264/496; 428/500; 430/56; 430/60; 522/100; 522/104; 522/149; 522/150; 522/83	Okazaki; Shougo et al.
US 6641641 B2	20031104	Method for producing metal or metal compound comprising process of treating with fluorine and adjusted raw material used therein	75/393	423/1; 423/20; 423/68; 75/392	Sohama; Yoshio et al.
US 6633443 B1	20031014	Peak shift correction circuit and magnetic storage medium	360/45	360/46; 360/51; 360/53	Watanabe; Hiroyuki et al.

		playback apparatus			
US 6622379 B1	20030923	Lift cam mechanism for electronic parts mounting apparatus	29/740	29/739; 29/743; 72/210; 72/452.6; 72/94; 74/55; 74/56; 74/567; 74/568R; 74/569	Kano; Yoshinori
US 6590231 B2	20030708	Transistor that uses carbon nanotube ring	257/77	257/288; 257/368; 257/401; 257/E51.011; 977/742; 977/842	Watanabe; Hiroyuki et al.
US 6553787 B1	20030429	Method for manufacturing quartz glass crucible	65/17.3	65/134.9; 65/135.6; 65/136.1; 65/144; 65/157; 65/17.4; 65/302; 65/32.1; 65/DIG.4	Akiho; Kazuhiro et al.
US 6542786 B2	20030401	Apparatus and method for feeding electronic components	700/213	198/464.1; 29/720; 29/729; 414/222.02; 414/222.07	Kano; Yoshinori et al.
US 6522844 B2	20030218	Heater control apparatus and image forming apparatus having a plurality of heaters which are controlled to be changeably connected in a serial mode and a parallel mode so as to suppress flicker	399/67	219/216; 219/501; 399/69	Yamane; Hideo et al.
US 6511750 B1	20030128	Artificial marble, cured resin containing mica flake and/or glass flakes, and polymerizable composition containing	428/406	428/15; 428/363; 428/402; 428/407; 523/171	Yanagase; Akira et al.

		mica flakes and/or glass flakes			
US 6501637 B2	20021231	Trimmer capacitor	361/293	361/287; 361/292	Oshima; Masanori et al.
US 6490784 B1	20021210	Automatic electronic component-mounting apparatus	29/740	29/739; 29/741; 29/742; 29/743; 29/744; 29/759; 29/760; 29/833; 29/837; 29/842; 29/845; 29/846	Kano; Yoshinori et al.
US 6486489 B2	20021126	Transistor	257/9	205/122; 257/216; 257/218; 257/414; 977/936	Watanabe; Hiroyuki et al.
US 6452056 B1	20020917	Process for the preparation of fluorobenzyl derivatives	568/700	560/226; 560/227; 560/229; 560/254; 568/411; 568/425; 568/768; 568/812	Kawanobe; Tsuneo et al.
US 6450857 B1	20020917	Four-wheel drive toy	446/465	446/462; 446/463; 446/466	Watanabe; Hiroyuki
US 6393336 B1	20020521	Nozzle clogging detection device and method	700/228	700/301; 73/1.58	Kano; Yoshinori et al.
US 6384834 B1	20020507	Three-dimensional simulator apparatus and image synthesis method using texture computation and texture information storage	345/582	345/581; 382/285	Watanabe; Hiroyuki
US 6380064 B1	20020430	Semiconductor devices and process for producing the same	438/622	257/E21.582; 257/E23.16; 257/E23.167; 438/605; 438/607;	Mizuhara; Hideki et al.

				438/618	
US 6353693 B1	20020305	Optical communication device and slip ring unit for an electronic component-mounting apparatus	385/26	385/25; 385/42; 398/112; 398/114	Kano; Yoshinori et al.
US 6342909 B1	20020129	Method and apparatus for image formation while considering a position of a transfer sheet in a primary scanning direction	347/129	347/248; 399/394	Joichi; Norio et al.
US 6329988 B1	20011211	Picture-drawing method and apparatus, and recording medium	345/426	345/427; 345/582; 345/589	Watanabe; Hiroyuki et al.
US 6326318 B1	20011204	Process for producing semiconductor devices including an insulating layer with an impurity	438/780	257/E21.247; 257/E21.248; 257/E21.26; 257/E21.271; 257/E21.275; 257/E21.277; 257/E21.279; 257/E21.576; 257/E21.577; 257/E21.585; 438/785	Watanabe; Hiroyuki et al.
US D451083 S	20011127	Combined amplifier and tuner	D14/188	D14/168	Ito; Masafumi et al.
US 6288438 B1	20010911	Semiconductor device including insulation film and fabrication method thereof	257/634	257/760; 257/E21.576; 257/E21.584; 257/E23.167; 438/623; 438/783	Mizuhara; Hideki et al.
US D447469 S	20010904	Digital audio disc player	D14/156		Ito; Masafumi et al.
US 6280522 B1	20010828	Quartz glass crucible for pulling silicon single crystal and production process for such crucible	117/29	427/167; 65/30.1; 65/DIG.8	Watanabe; Hiroyuki et al.
US D445791 S	20010731	Optical disc drive	D14/368	D14/136	Ito; Masafumi et al.
US 6268657 B1	20010731	Semiconductor devices and an insulating layer with an impurity	257/759	257/752; 257/760; 257/762;	Watanabe; Hiroyuki et al.

				257/E21.247; 257/E21.248; 257/E21.26; 257/E21.271; 257/E21.275; 257/E21.277; 257/E21.279; 257/E21.576; 257/E21.577; 257/E21.585	
US 6265812 B1	20010724	Electron multiplier	313/103CM	313/105CM; 313/528; 313/532	Watanabe; Hiroyuki et al.
US 6263186 B1	20010717	Image forming apparatus and conveyance control method thereof	399/388	271/188; 271/242	Okamoto; Akira et al.
US 6260898 B1	20010717	Mounting head for electronic component- mounting apparatus	294/64.1	29/740; 29/743	Kano; Yoshinori et al.
US D444778 S	20010710	Combined amplifier and tuner	D14/168	D14/188	Ito; Masafumi et al.
US D443868 S	20010619	Combined digital audio disc player, amplifier and tuner	D14/168		Ito; Masafumi et al.
US D442937 S	20010529	Combined record player, radio tuner and amplifier	D14/169	D14/168; D14/198	Ito; Masafumi et al.
US D442573 S	20010522	Combined digital audio disc player, radio tuner and amplifier	D14/168	D14/169; D14/198	Ito; Masafumi et al.
US 6235648 B1	20010522	Semiconductor device including insulation film and fabrication method thereof	438/783	257/E21.248; 257/E21.251; 257/E21.252; 257/E21.277; 257/E21.279; 257/E21.293; 257/E21.576; 438/618; 438/637; 438/653; 438/667; 438/720; 438/766	Mizuhara; Hideki et al.
US D441351 S	20010501	Combined digital audio disc player, amplifier	D14/168		Ito; Masafumi et al.

		and tuner			
US 6214749 B1	20010410	Process for producing semiconductor devices	438/783	257/E21.247; 257/E21.26; 257/E21.271; 257/E21.275; 257/E21.277; 257/E21.576; 257/E21.577; 257/E21.585; 438/623; 438/624; 438/782	Watanabe; Hiroyuki et al.
US D439240 S	20010320	Speaker box	D14/215	D14/214	Ito; Masafumi et al.
US D439239 S	20010320	Speaker box	D14/215	D14/214	Ito; Masafumi et al.
US D439236 S	20010320	Combined digital audio disc player and tape recorder	D14/168		Ito; Masafumi et al.
US D436942 S	20010130	Combined amplifier and tuner	D14/168	D14/156; D14/188	Ito; Masafumi et al.
US 6177343 B1	20010123	Process for producing semiconductor devices including an insulating layer with an impurity	438/639	257/E21.247; 257/E21.248; 257/E21.26; 257/E21.271; 257/E21.275; 257/E21.277; 257/E21.279; 257/E21.576; 257/E21.577; 257/E21.585	Watanabe; Hiroyuki et al.
US 6162828 A	20001219	Cysteine protease inhibitor	514/564	514/114; 514/311; 514/510; 514/533; 514/562; 546/169; 560/24; 560/41	Fukuda; Tsunehiko et al.
US 6161642 A	20001219	Attachment structure for free-axle air pumps	180/247	180/24.1; 293/117; 74/473.11	Imai; Tsuneaki et al.
US D434749 S	20001205	Combined digital audio disc player, amplifier and tuner	D14/168	D14/156; D14/188	Ito; Masafumi et al.
US 6136092	20001024	Quart crucible with	117/84	428/34.6;	Sato; Tatsuhiro et

A		large diameter for pulling single crystal and method of producing the same		432/264; 65/17.1; 65/17.2	al.
US 6132651 A	20001017	Magnetic recording medium and process for producing same	264/1.33	219/121.69; 264/1.37; 264/400; 425/174.4; 425/810	Ohsawa; Hiroshi et al.
US D431546 S	20001003	Digital audio disc recorder	D14/167	D14/156	Ito; Masafumi et al.
US D431238 S	20000926	Combined digital audio disc player, amplifier and tuner	D14/168	D14/156; D14/188	Ito; Masafumi et al.
US 6118644 A	20000912	Electromagnetic actuator and image pickup apparatus	361/143	361/210	Ikedo; Yuji et al.
US 6115778 A	20000905	Method and apparatus for handling interrupts through the use of a vector access signal	710/260	710/262; 710/269	Miyake; Masakazu et al.
US 6106610 A	20000822	Quartz glass crucible for producing silicone single crystal and method for producing the crucible	117/13	65/30.1; 65/DIG.8	Watanabe; Hiroyuki et al.
US 6101707 A	20000815	Mounting head for electronic component-mounting apparatus	29/740	29/742; 29/743	Kano; Yoshinori et al.
US D428404 S	20000718	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D427990 S	20000711	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D427989 S	20000711	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D427579 S	20000704	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D426824 S	20000620	Tape recorder	D14/161		Ito; Masafumi et al.
US 6071807 A	20000606	Fabrication method of semiconductor device including insulation film with decomposed organic content	438/623	257/E21.248; 257/E21.576; 257/E21.584; 438/627; 438/628; 438/780; 438/783	Watanabe; Hiroyuki et al.

US D425896 S	20000530	Speaker box	D14/214		Ito; Masafumi et al.
US D425892 S	20000530	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US D425061 S	20000516	Digital audio disc recorder	D14/156	D14/167	Ito; Masafumi et al.
US 6061900 A	20000516	Lift cam mechanism for electronic parts-mounting apparatus	29/740	29/742; 72/452.6; 72/94	Kano; Yoshinori
US D423499 S	20000425	Combined digital audio disc player, radio tuner, amplifier, tape recorder and record player	D14/168	D14/202	Ito; Masafumi et al.
US D423014 S	20000418	Speaker box	D14/214	D14/215	Ito; Masafumi et al.
US D422593 S	20000411	Speaker box	D14/214		Ito; Masafumi et al.
US 6028127 A	20000222	Artificial marble and method for preparing it	523/171	524/409; 524/430	Yanagase; Akira et al.
US 6010819 A	20000104	Method for improving light fastness of images, and image forming material	430/216	430/372; 430/463; 430/490; 430/551; 546/244; 546/245	Arakatsu; Hiroshi et al.
US 6004611 A	19991221	General-purpose oils composition	426/612	426/610; 426/611; 554/169; 554/227	Gotoh; Naohiro et al.
US 5989021 A	19991123	Quartz crucible with large diameter for pulling single crystal and method of producing the same	432/264	373/137; 432/262; 432/265	Sato; Tatsuhiro et al.
US 5977807 A	19991102	Output buffer circuit for transferring a high speed signal between large scale integrated circuits	327/175	327/176; 327/35	Watanabe; Hiroyuki
US D415758 S	19991026	Digital audio disc player	D14/156		Ito; Masafumi et al.
US 5973894 A	19991026	Magnetic recording medium and process for producing same	360/135		Ohsawa; Hiroshi et al.

US 5968259 A	19991019	High-purity quartz glass and method for the preparation thereof	117/7	117/2; 117/943; 29/25; 501/54; 65/99.4	Kemmochi; Katsuhiko et al.
US D414184 S	19990921	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US 5948916 A	19990907	Arylthiadiazole derivative and antiviral agent containing the same	548/135	548/138	Ijichi; Katsushi et al.
US 5939471 A	19990817	Composite material and molded articles containing same	523/334	523/205; 523/216; 524/493; 524/789	Watanabe; Hiroyuki et al.
US 5917103 A	19990629	Method of manufacturing crucible for double-crucible crystal growing technique	65/17.3	117/213; 117/31; 65/17.6; 65/36; 65/71; 65/DIG.8	Watanabe; Hiroyuki et al.
US D410923 S	19990615	Digital audio disc player	D14/156		Ito; Masafumi et al.
US 5910741 A	19990608	PLL circuit with non-volatile memory	327/150	327/148; 327/157; 327/159; 331/1A; 331/16; 331/DIG.2; 331/DIG.3; 375/374	Watanabe; Hiroyuki
US D409611 S	19990511	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US 5898221 A	19990427	Semiconductor device having upper and lower wiring layers	257/751	257/761; 257/763; 257/764; 257/765; 257/E21.582; 257/E23.16; 257/E23.167	Mizuhara; Hideki et al.
US 5893448 A	19990413	Adapter feeding apparatus	198/389	198/397.03	Miyamoto; Takayuki et al.
US 5885071	19990323	Quartz glass crucible	432/264	428/34.1;	Watanabe;

A		for pulling single crystal		432/156; 432/263	Hiroyuki et al.
US 5877027 A	19990302	Method for the analysis of impurity contents in silicon dioxide	436/175	134/10; 134/13; 134/2; 134/26; 134/28; 134/29; 134/3; 436/127; 436/149; 436/150; 436/151; 436/171; 436/83; 438/14	Kemmochi; Katsuhiko et al.
US D405087 S	19990202	Combined speaker box and front panel with load horn	D14/214	D14/204	Ito; Masafumi et al.
US D405085 S	19990202	Combined speaker box and front panel with load horn	D14/214		Ito; Masafumi et al.
US D401586 S	19981124	Audio remote controller	D14/218		Ito; Masafumi et al.
US 5818527 A	19981006	Image processor for correcting distortion of central portion of image and preventing marginal portion of the image from protruding	348/335	348/241	Yamaguchi; Tatsuya et al.
US 5812722 A	19980922	Optical fiber and method for manufacturing the same	385/123	359/368; 385/27; 385/43; 977/862; 977/878	Anazawa; Kazunori et al.
US 5787083 A	19980728	Path setting system for broadcast service in switching network	370/389	370/392; 370/400	Iwamoto; Norihiisa et al.
US 5786070 A	19980728	Cross-linked polyurethane resin sheet and laminated product employing it	428/220	428/338; 428/423.1; 428/423.3; 428/425.5; 428/425.6; 428/428; 428/429	Higuchi; Toshihiko et al.
US 5782161	19980721	Axial plunger pump	92/71	184/6.17;	Okubo; Yoshio et

A		with a partition between the lubricating chamber and the working fluid chamber		417/269; 91/499; 92/153	al.
US 5771129 A	19980623	Method and apparatus for detecting and matching the recorded speed of previously recorded tape	360/73.12	360/73.09	Millerd, Jr.; Andrew B. et al.
US 5767598 A	19980616	Motor and electronic parts-mounting apparatus incorporating the motor	310/91	310/254; 310/261; 384/517	Kano; Yoshinori et al.
US 5764611 A	19980609	Information reproducing apparatus having function of detecting inclination of manual scan type handy reading device and correcting adverse effects arising from the inclination	386/113	369/53.19	Watanabe; Hiroyuki
US 5762672 A	19980609	Method for producing a quartz glass crucible	65/17.3	65/144; 65/302; 65/71; 65/81; 65/DIG.8	Ikeda; Tooru et al.
US 5759435 A	19980602	Magnetite particles and process for production thereof	252/62.59	252/62.56; 428/403; 428/404	Miyazono; Takeshi et al.
US D394260 S	19980512	Combined digital audio disc player and tape recorder	D14/156	D14/162; D14/164; D14/168	Ito; Masafumi et al.
US D392638 S	19980324	Digital audio disc player	D14/156	D14/136; D14/157	Ito; Masafumi et al.
US D391259 S	19980224	Combined tuner and amplifier	D14/188	D14/168	Ito; Masafumi et al.
US D391258 S	19980224	Combined tuner and amplifier	D14/188	D14/168	Ito; Masafumi et al.
US 5717206 A	19980210	Electron multiplier for scanning electron microscopes	250/310	250/397	Watanabe; Hiroyuki et al.
US D390234 S	19980203	Speaker box covered by a panel with a load horn	D14/214	D14/208	Ito; Masafumi et al.
US D389147 S	19980113	Combined digital audio disc player, radio tuner, amplifier, and tape	D14/168		Ito; Masafumi et al.

		recorder			
US 5706569 A	19980113	Apparatus for assembling plug joint	29/564.1	29/754	Miyamoto; Takayuki et al.
US D387761 S	19971216	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US D387760 S	19971216	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US 5695851 A	19971209	Coating composition and molded articles having a surface coated therewith	428/147	428/331; 428/35.7; 428/405; 428/411.1; 428/412; 428/429; 428/442; 428/447; 428/451; 428/483; 428/520; 428/522; 522/64; 522/83; 522/84; 522/99	Watanabe; Hiroyuki et al.
US 5694064 A	19971202	Peak detection circuit and magnetic storage medium playback apparatus	327/62	327/60	Watanabe; Hiroyuki et al.
US D385275 S	19971021	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D384665 S	19971007	Digital audio discplayer	D14/156		Ito; Masafumi et al.
US D384349 S	19970930	Tape recorder	D14/164		Ito; Masafumi et al.
US D383461 S	19970909	Combined amplifier and radio tuner	D14/188		Ito; Masafumi et al.
US D381658 S	19970729	Combined digital audio disc player, radio tuner, amplifier and tape recorder	D14/168		Ito; Masafumi et al.
US D380755 S	19970708	Tape recorder	D14/164		Ito; Masafumi et al.
US 5637284	19970610	Process for continuous	423/340	106/482;	Sato; Tatsuhiro et

A		refining of quartz powder		106/488	al.
US 5628107 A	19970513	Electronic parts-mounting apparatus	29/740	29/741; 29/743; 294/64.1	Nushiya; Shuji et al.
US 5604495 A	19970218	Data compression method and system	341/51	341/106	Watanabe; Hiroyuki
US D377176 S	19970107	Speaker box	D14/215	D14/214	Ito; Masafumi et al.
US 5573200 A	19961112	Hook type coil winding machine	242/434.8	29/605	Sato; Kazuhiro et al.
US 5569537 A	19961029	Laminated glass with polyurethane resin layer and silane coupling agent layer	428/425.5	428/425.6; 428/428; 428/429	Miyasaka; Seiichi et al.
US D374233 S	19961001	Speaker box	D14/214		Ito; Masafumi et al.
US 5560959 A	19961001	Process for producing a multi-layer film	427/163.1	156/105; 156/106; 427/164; 427/208.2; 427/407.2; 427/412.1	Shimoda; Hiroshi et al.
US 5556571 A	19960917	Magnetite particles and process for preparing the same	252/62.56	106/456; 106/457; 106/459; 252/62.59; 252/62.62; 428/403	Hashiuchi; Masachika et al.
US D372915 S	19960820	Combined tuner and amplifier	D14/188		Ito; Masafumi et al.
US 5547920 A	19960820	Thiadizole derivatives and herbicide compositions containing the same	504/261	548/135	Hanasaki; Yasuaki et al.
US 5544411 A	19960813	Automatic electronic parts-mounting apparatus	29/740	29/743; 29/DIG.44; 414/737	Kano; Yoshinori et al.
US 5541901 A	19960730	Disk reproducing apparatus having a circuit for detecting an abnormality of a servo device	369/44.32	369/53.18	Okamoto; Naruhiro et al.
US 5539977 A	19960730	Apparatus and method for automatically mounting electronic	29/833	29/714; 29/740; 29/840;	Kano; Yoshinori et al.

		parts		340/686.5; 356/152.2	
US 5521917 A	19960528	Asynchronous transfer mode switching system capable of reducing capacity of management table	370/399		Watanabe; Hiroyuki et al.
US 5515034 A	19960507	Simple communication system capable of message broadcasting	340/825.52		Otsuka; Kiyokazu et al.
US 5500408 A	19960319	Thiadiazole derivatives and herbicide compositions containing the same	504/261	548/134	Hanasaki; Yasuaki et al.
US 5498593 A	19960312	Thiadiazole derivatives and herbicide compositions containing the same	504/264	548/135	Hanasaki; Yasuaki et al.
US D367275 S	19960220	Combined amplifier and radio tuner	D14/188		Ito; Masafumi et al.
US 5482916 A	19960109	Thiadiazole derivatives and herbicide compositions containing same	504/261	544/134; 544/321; 546/14; 546/209; 546/268.7; 548/135	Hanasaki; Yasuaki et al.
US D365822 S	19960102	Front panel for a combined digital audio disc player, radio receiver, amplifier tape recorder and speakers	D14/168		Ito; Masafumi et al.
US 5478849 A	19951226	Thiadiazole derivative, process for producing it and agricultural and horticultural fungicide using it as an active ingredient	514/362	548/135	Hanasaki; Yasuaki et al.
US 5477614 A	19951226	Method for producing a sliding type coupling device having slidable member with gap-filling portion	29/898.049	264/242; 264/274; 29/434; 29/527.1; 29/898.05	Watanabe; Hiroyuki
US 5467173 A	19951114	Speed control circuit for an optical scanning system driving motor for an image forming	399/208	318/696; 347/234; 347/235	Sakata; Satoshi et al.

		apparatus			
US 5463272 A	19951031	Cathode for photoelectric emission, cathode for secondary electron emission, electron multiplier tube, and photomultiplier tube	313/373	313/377	Watase; Yasushi et al.
US 5449558 A	19950912	Optical article having an antireflection layer	428/422	428/332; 428/421	Hasegawa; Takafumi et al.
US 5412295 A	19950502	Abnormality detection circuit for a motor for use in a copier	318/434	318/798; 318/799; 318/805	Maruyama; Kazuhisa et al.
US 5407288 A	19950418	Sliding type coupling device having slidable member with gap-filling portion and method of producing the same	403/133	403/122; 403/140	Watanabe; Hiroyuki
US 5401988 A	19950328	Standard cell layout arrangement for an LSI circuit	257/207	257/202	Kudou; Tsuneaki et al.
US 5401752 A	19950328	Tetrahydroisoquinoline derivatives, processes for producing the same and fungicides containing the same	514/307		Tokunaga; Takumi et al.
US 5391647 A	19950221	Composite composition having high transparency and process for producing same	525/479	524/832; 528/26	Yamamoto; Naoki et al.
US 5385988 A	19950131	Composite composition having high transparency and process for producing same	525/479	523/209; 528/25; 528/26	Yamamoto; Naoki et al.
US D353440 S	19941213	Water purifier	D23/209		Ito; Masafumi et al.
US 5371435 A	19941206	Photoelectron emitting device having a photocathode made of photoelectric material	313/532	313/103CM; 313/105CM; 313/535; 313/536; 313/542	Ohishi; Keiichi et al.
US D352524 S	19941115	Case for lead	D19/35		Watanabe; Hiroyuki
US 5363008	19941108	Circular accelerator and	313/62	315/500;	Hiramoto; Kazuo

A		method and apparatus for extracting charged-particle beam in circular accelerator		315/504; 315/507	et al.
US D351932 S	19941101	Air cleaner	D23/364		Ito; Masafumi et al.
US 5354141 A	19941011	Mechanical pencil with shaking type lead-feeding mechanism	401/65	401/115; 401/82; 401/94	Watanabe; Hiroyuki
US 5348845 A	19940920	Color image-stabilization processing solution used for processing a silver halide color photographic material and a processing method using the same	430/372	430/428; 430/463	Morigaki; Masakazu et al.
US 5336966 A	19940809	4-layer structure reflection type photocathode and photomultiplier using the same	313/532	250/207; 250/214.1; 313/530; 313/542	Nakatsugawa; Kiyoshi et al.
US D349288 S	19940802	Combined digital audio disc player and radio receiver	D14/168		Ito; Masafumi et al.
US 5334493 A	19940802	Photographic processing solution having a stabilizing ability and a method for processing a silver halide color photographic light-sensitive material	430/463	430/372; 430/428; 430/429	Fujita; Yoshihiro et al.
US 5332439 A	19940726	Screen printing apparatus for filling through-holes in circuit board with paste	118/213	101/123; 118/406; 118/504; 271/33; 271/98	Watanabe; Hiroyuki et al.
US 5330991 A	19940719	Tetrahydroisoquinoline compounds and fungicides containing the same	514/307	514/309; 546/139; 546/144	Tokunaga; Takumi et al.
US 5322889 A	19940621	Composite composition having high transparency and process for producing	524/789	524/500; 524/791; 526/194	Yamamoto; Naoki et al.

		same			
US 5306197 A	19940426	Key action, moveable toy	446/409	446/437; 446/461	Watanabe; Hiroyuki
US 5303343 A	19940412	Multi-medium store-and-forward exchange apparatus and method of controlling the apparatus	709/246	703/27; 709/237	Ohya; Kouichi et al.
US D345561 S	19940329	Combined tape recorder and amplifier	D14/162		Ito; Masafumi et al.
US 5295740 A	19940322	Pressure control device for hydraulic braking system	303/113.2	303/116.2	Watanabe; Hiroyuki et al.
US 5294233 A	19940315	Additive for organic medium or thermoplastic polymer	44/334	44/341; 44/342; 44/346	Kitahara; Shizuo et al.
US D344940 S	19940308	Video tape recorder	D14/135		Ito; Masafumi et al.
US D343393 S	19940118	Combined digital audio disc player, radio receiver, amplifier and tape recorder	D14/168	D14/163	Ito; Masafumi et al.
US D342255 S	19931214	Loudspeaker box	D14/214	D14/211	Ito; Masafumi et al.
US D341832 S	19931130	Combined amplifier and radio receiver	D14/198		Ito; Masafumi et al.
US 5258521 A	19931102	Process of producing optically active propionic acid ester derivatives	546/302	544/354; 546/283.4; 548/170; 549/501	Kagawa; Takumi et al.
US D339587 S	19930921	Combined digital audio disk player and tape recorder	D14/168		Ito; Masafumi et al.
US D339135 S	19930907	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D339134 S	19930907	Digital audio disc player	D14/156		Ito; Masafumi et al.
US D338671 S	19930824	Streaming cassette tape drive	D14/160	D14/157; D14/361	Ito; Masafumi et al.
US 5239003 A	19930824	Process for preparation of styrene resin composition and styrene resin composition	525/181	525/153; 525/164; 525/184; 525/193; 525/333.6; 525/426	Onishi; Hidenori et al.
US 5218023	19930608	Rubber composition and	524/210	524/211;	Horikawa;

A		process for preparing same		524/230; 524/232; 524/236; 524/241	Hiroyoshi et al.
US 5217852 A	19930608	Color image-stabilization processing solution used for processing a silver halide color photographic material and a processing method using the same	430/372	430/428; 430/463	Morigaki; Masakazu et al.
US 5216080 A	19930601	Rubber composition	525/153	525/125; 525/155; 525/185; 525/186; 525/189; 525/233; 525/280; 525/299; 525/300	Suzuki; Fumitoshi et al.
US 5207819 A	19930504	Phenoxypropionic acid ester derivatives	504/235	544/354; 546/301; 546/302	Someya; Sinzo et al.
US D334931 S	19930420	Tape recorder	D14/164		Ito; Masafumi et al.
US D334929 S	19930420	Tape recorder	D14/164		Ito; Masafumi et al.
US D334928 S	19930420	Tape recorder	D14/164		Ito; Masafumi et al.
US 5187720 A	19930216	Synchronous serial communication circuit	375/377	178/63F; 361/245	Shibata; Koichi et al.
US 5187441 A	19930216	Portable information apparatus for sensing battery voltage drop	324/426	324/436; 340/636.15	Shibata; Koichi et al.
US 5173864 A	19921222	Standard cell and standard-cell-type integrated circuit	716/6	714/726	Watanabe; Hiroyuki et al.
US 5172330 A	19921215	Clock buffers arranged in a peripheral region of the logic circuit area	716/17	326/101; 326/41; 327/295; 327/297; 327/565	Watanabe; Hiroyuki et al.
US 5169428 A	19921208	Tetrahydrophthalimide derivative and herbicide composition containing	504/265	504/179; 504/181; 504/286;	Tsuzuki; Kenji et al.

		same		548/131; 548/465; 548/513	
US 5155161 A	19921013	Styrene resin composition	524/515	524/217; 524/241	Onishi; Hidenori et al.
US D329050 S	19920901	Digital audio disk player	D14/156	D14/136	Ito; Masafumi et al.
US D328897 S	19920825	Combined tuner and amplifier	D14/198	D14/197	Ito; Masafumi et al.
US D328747 S	19920818	Combined tuner and amplifier	D14/188		Ito; Masafumi et al.
US D327889 S	19920714	Digital audio disk player	D14/156	D14/136	Ito; Masafumi et al.
US D327688 S	19920707	Combined tuner and amplifier	D14/188		Ito; Masafumi et al.
US 5122379 A	19920616	Calorie intake- controlling food	426/618	426/509; 426/575; 426/804	Ohta; Atsutane et al.
US 5115006 A	19920519	Rubber composition	524/251	524/572; 525/241	Watanabe; Hiroyuki et al.
US 5110526 A	19920505	Process for producing molded articles of polytetrafluoroethylene resin	264/127	264/162; 264/209.1; 264/323; 264/334; 264/337; 264/338; 425/380; 425/393	Hayashi; Taira et al.
US 5100731 A	19920331	Reaction curable composition and products comprising a cured product of the composition	428/423.1	428/423.5; 428/423.7; 428/425.6; 428/430; 428/437	Yamada; Ryoji et al.
US 5075208 A	19911224	Silver halide photographic material	430/559	430/223; 430/564; 430/955; 430/957; 430/958; 430/959	Watanabe; Hiroyuki et al.
US 5068365 A	19911126	Hexahydrophthalic anilide derivatives	549/496	548/127; 548/128; 548/133; 548/194; 548/233; 548/326.5; 548/331.1;	Tokunaga; Takumi et al.

				548/332.5; 548/372.5; 549/420; 558/414; 560/45; 564/89; 564/91	
US D321192 S	19911029	Combined digital audio disc player and tape recorder	D14/162	D14/156	Ito; Masafumi et al.
US D321191 S	19911029	Digital audio disc player	D14/156	D14/136	Ito; Masafumi et al.
US 5056941 A	19911015	Print head assembly of a printing device	400/124.12	101/93.05; 400/124.21	Kato; Shigeki et al.
US 5051185 A	19910924	Absorbent of .beta..sub.2 - microglobulin	210/635	210/502.1; 210/679; 210/692; 210/905; 502/402; 502/403; 502/404; 525/54.1; 530/354; 530/356; 530/394; 530/413; 530/415; 530/813; 530/815	Watanabe; Hiroyuki et al.
US 5042364 A	19910827	Piston structure for internal combustion engine	92/186	123/193.6; 29/888.046; 92/177; 92/208; 92/222; 92/233; 92/234	Okamura; Eiji et al.
US D319237 S	19910820	Tape recorder	D14/164	D14/161	Ito; Masafumi et al.
US D319236 S	19910820	Combined tape player and tuner	D14/162	D14/165; D14/188	Ito; Masafumi et al.
US D318853 S	19910806	Locking member for an electrical connector	D13/154		Sugiyama; Masaaki et al.
US D318665 S	19910730	Combined tape player and tuner	D14/163	D14/165	Ito; Masafumi et al.
US D317299 S	19910604	Locking member for an electrical connector	D13/154		Sugiyama; Masaaki et al.

US 5013942 A	19910507	Clock supply circuit having adjustment capacitance	327/297	327/292	Nishimura; Akira et al.
US 5003423 A	19910326	Vertical recording magnetic head	360/125	360/110; 360/128; 360/129; 360/130.3	Imamura; Tatsuo et al.
US 5001196 A	19910319	Process for preparation of diene type polymer rubber	525/281	525/283; 525/332.8; 525/332.9; 525/333.1; 525/333.2; 525/375	Kawanaka; Takafumi et al.
US 4997901 A	19910305	Reaction curable composition comprising a polyisocyanate component and a polyol component	528/67	428/425.6; 528/77	Yamada; Ryoji et al.
US 4994782 A	19910219	Variable resistor	338/160	338/162; 338/172	Watanabe; Hiroyuki et al.
US 4994363 A	19910219	Silver halide light-sensitive material containing a compound releasing a photographically useful group	430/564	430/223; 430/544; 430/559; 430/598; 430/955; 430/956; 430/957; 430/958; 430/959	Koya; Keizo et al.
US 4984354 A	19910115	Electronic parts mounting apparatus	29/740	29/759	Mohara; Masayuki et al.
US 4978552 A	19901218	Starch containing	426/559	426/625	Kurokawa; Toru et al.
US 4976650 A	19901211	Device for starting a toy	446/418	446/144; 446/414; 446/462; 446/463; 446/484	Watanabe; Hiroyuki
US 4975514 A	19901204	Polyurethane elastomer formed from an amide-modified polyisocyanate	528/60	528/64; 528/65; 528/66; 560/351; 560/355; 560/359	Watanabe; Hiroyuki et al.
US 4970608 A	19901113	Editing system for rearranging allocation	386/52	386/117; 386/95	Fukuda; Yoshio et al.

		of information units on an information recording medium			
US 4964073 A	19901016	Portable data collecting and processing apparatus	713/321		Watanabe; Hiroyuki
US 4948421 A	19900814	Phenoxypropionic acid ester derivatives as herbicides	504/178	504/235; 504/253; 546/269.1	Someya; Sinzo et al.
US 4891238 A	19900102	Process for producing swollen foods	426/559	426/448; 426/449; 426/625; 426/656	Kurokawa; Toru et al.
US 4862304 A	19890829	Composite magnetic head	360/121	360/122; 360/125; 360/128; 360/66	Yunoki; Yutaka et al.
US 4848511 A	19890718	Vibration insulating rubber	180/312	180/300; 267/292	Ohyama; Tetsuo et al.
US 4840508 A	19890620	Mechanical pencil capable of automatically propelling successive lengths of lead	401/65	401/67; 401/81; 401/94	Watanabe; Hiroyuki
US 4839854 A	19890613	Data collection system having stationary unit with electromagnetic induction circuitry for bidirectionally relaying data	710/1	346/14MR; 710/72	Sakami; Yasuo et al.
US 4725662 A	19880216	Laminate and method for its preparation	528/80	428/38; 428/40.1; 428/409; 428/423.3; 528/81; 528/83; 528/85	Kuga; Kazuhiko et al.
US 4701267 A	19871020	Method for removing leukocytes	604/6.09	210/335; 210/491; 210/492; 210/505; 210/806	Watanabe; Hiroyuki et al.
US 4697386 A	19871006	Construction of door in motor vehicle	49/374	49/441	Watanabe; Hiroyuki et al.
US 4688844 A	19870825	Back door structures for motor vehicles	296/76	296/106; 296/51; 49/163	Hirose; Kazutaka et al.

US 4683171 A	19870728	Laminate and method for its preparation	428/354	427/164; 427/165; 427/516; 427/520; 428/38; 428/40.4; 428/409; 428/423.3; 428/425.6; 528/60; 528/66	Kuga; Kazuhiko et al.
US 4677165 A	19870630	Rubber composition for tire tread	525/332.9	524/484; 526/180; 526/181; 526/340	Kikuchi; Yasushi et al.
US 4676763 A	19870630	Rolling and walking toy vehicle	446/230	446/353; 446/441; 446/463	Saito; Makato et al.
US 4665453 A	19870512	Floppy disc recording and/or reproducing apparatus	360/96.6	137/132; 360/132; 360/267.1; 360/99.04	Mikamoto; Makoto et al.
US 4659744 A	19870421	Fluorocarbon anion exchangers and processes for their preparation	521/32	525/326.2; 525/326.4	Matsui; Kiyohide et al.
US 4653802 A	19870331	Vehicle roof and door connection	296/203.03	296/146.2; 296/146.9; 296/210; 296/213; 49/428	Watanabe; Hiroyuki et al.
US 4647625 A	19870303	Process for modifying conjugated diene polymers	525/232	525/241; 525/280; 525/296; 525/332.9; 525/333.2; 525/348; 525/352; 525/374; 525/375	Aonuma; Mitsuyoshi et al.
US 4646055 A	19870224	Rotary trimmer potentiometer	338/162	338/174; 338/DIG.1	Watanabe; Hiroyuki et al.
US 4640001 A	19870203	Solar cell manufacturing method	438/72	136/256; 136/258; 427/74	Koiwai; Sakae et al.
US 4632877	19861230	Laminated safety glass	428/409	156/331.1;	Watanabe;

A				427/302; 428/420; 428/423.3; 428/425.6; 428/426	Hiroyuki et al.
US 4622112 A	19861111	Process for preparing chlorinated polyvinyl aromatic compounds	205/419		Watanabe; Hiroyuki et al.
US 4621453 A	19861111	Construction of door in motor vehicle	49/374	49/227	Watanabe; Hiroyuki et al.
US 4616445 A	19861014	Construction of door in motor vehicle	49/374	49/227; 49/348	Watanabe; Hiroyuki et al.
US 4616069 A	19861007	Process for making diene polymer rubbers	525/370	525/332.9; 525/333.2	Watanabe; Hiroyuki et al.
US 4614771 A	19860930	Process for making diene copolymer rubbers	525/351	525/332.7; 525/332.9; 525/333.1; 525/333.2; 525/374	Watanabe; Hiroyuki et al.
US 4606149 A	19860819	Door construction in motor vehicle	49/502	49/377; 49/493.1	Hamada; Eiichi et al.
US 4584245 A	19860422	Laminated safety glass	428/409	428/420; 428/423.3; 428/425.6; 428/426; 428/447	Kuga; Kazuhiko et al.
US 4567206 A	19860128	Fluorocarbon polymers and processes for their preparation	521/27	521/32; 526/248	Matsui; Kiyohide et al.
US 4545589 A	19851008	Vehicle body structure for a longitudinally extending floor tank and a gear shift mechanism	280/834	180/336	Watanabe; Hiroyuki et al.
US 4514008 A	19850430	Vehicle body floor construction of motor vehicle	296/204	280/835	Watanabe; Hiroyuki et al.
US 4511176 A	19850416	Vehicle body floor construction of motor vehicle	296/204	180/89.1; 280/834	Watanabe; Hiroyuki et al.
US 4508877 A	19850402	Process for producing a high purity cyclized polymer of isoprene	525/333.1	525/359.3	Todoko; Masaaki et al.
US 4494337 A	19850122	Construction of door in motor vehicle	49/374	49/428	Watanabe; Hiroyuki et al.
US 4482154 A	19841113	Game apparatus with moving objects	273/153S		Mizunuma; Masanori et al.

US 4469339 A	19840904	Fuel tank construction of motor vehicle	280/834		Watanabe; Hiroyuki et al.
US 4457538 A	19840703	Front seat belt retractor disposing structure	280/801.1	280/807; 297/204; 297/474	Watanabe; Hiroyuki et al.
US 4453724 A	19840612	Fuel tank construction of motor vehicle	280/834		Watanabe; Hiroyuki et al.
US 4414363 A	19831108	Rubber composition	525/237	525/236	Akita; Shuichi et al.
US 4414065 A	19831108	Method for preparing a chlorinated vinyl aromatic polymer	205/419		Watanabe; Hiroyuki
US 4355820 A	19821026	Steering assembly supporting device of a motor vehicle	280/779	74/492	Kitagawa; Naoto et al.
US 4352493 A	19821005	Portable obstacle toy	273/442		Watanabe; Hiroyuki
US 4340219 A	19820720	Toy with interlocking object and obstacle	273/442		Saito; Isamu et al.
US 4326721 A	19820427	Toy having attack object located on arcuate moving framework	463/49	273/440; 273/454; 463/56	Minami; Koichi et al.
US 4278865 A	19810714	Gas shielded stud welding method	219/99	219/75	Watanabe; Hiroyuki et al.
US 4257623 A	19810324	Supporting structure for a suspension member for a vehicle	280/124.109	280/124.128; 280/124.177	Kawase; Mitsuo et al.
US 4241925 A	19801230	Toy having projectile movable in both coordinates of a plane	463/57	273/442; 273/454	Watanabe; Hiroyuki
US 4240633 A	19801223	Game having movable object and object striking member	463/52	273/277	Watanabe; Hiroyuki
US 4240632 A	19801223	Baseball game	463/52	273/277	Watanabe; Hiroyuki
US 4231571 A	19801104	Portable obstacle toy	273/442	273/441; 273/454	Watanabe; Hiroyuki
US 4202545 A	19800513	Golf game device	273/108.2	473/407	Watanabe; Hiroyuki
US 4184697 A	19800122	Front wheel supporting device for a motor vehicle	280/124.109	180/291	Suzuki; Ichiro et al.
US 4172657 A	19791030	Variable magnification device	355/55	353/27R; 355/45	Watanabe; Hiroyuki et al.
US 4150842	19790424	Front suspension for a	280/124.145	280/86.752;	Hamada; Makoto

A		motor vehicle		296/204	et al.
US 4141426 A	19790227	Support assembly for radiators and air conditioning condensers	180/68.4		Hamada; Makoto et al.
US 3992017 A	19761116	Pickup cartridge	369/170		Mori; Yoshihisa et al.
US 3925244 A	19751209	Automatic control device for car lighting	250/372	315/77; 315/82	Nagasawa; Mashahiro et al.
US 3921747 A	19751125	Steering column support structure for vehicles	180/78	280/777; 74/492	Suzuki; Ichiro et al.
US 3848127 A	19741112	X-RAY EXAMINATION SYSTEM FOR EXAMINING THE WELDED PORTIONS AT BOTH ENDS OF STEEL PIPES	378/59	378/181; 378/196; 378/69	Fujii; Seiji et al.
US 3827712 A	19740806	STRUCTURAL FRAME CAPABLE OF ABSORBING IMPACT ENERGY	280/784	280/797; 52/731.6	Suzuki; Ichiro et al.
US 3805124 A	19740416	STANNIC OXIDE PHOTOCONDUCTIVE DEVICE FOR DETECTING ULTRAVIOLET LIGHT AND METHOD FOR MAKING THE SAME	338/15	250/372; 257/43; 257/449; 257/76; 427/74; 438/85	Nagasawa; Masahiro et al.
US 3688160 A	19720829	THIN FILM NON-RECTIFYING NEGATIVE RESISTANCE DEVICE	257/2	257/4; 257/E45.003; 361/500	Nagasawa; Masahiro et al.
US 3497910 A	19700303	APPARATUS FOR THE DRAWING OF SYNTHETIC FIBER TOWS [TEXT AVAILABLE IN USOCR DATABASE]	425/86	264/289.6; 28/246; 425/404	MAEDA KATSUNOSUKE et al.